

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 81 *Hercules for Hands(™) Lemon Lotion Hand Cleaner w/Pumice*

Date Prepared: 1/3/1992 Last Reviewed: 1/7/2002

Meets OSHA 29 CFR 1910.1200



**MATERIAL
SAFETY
INFORMATION
SERVICE**

Hercules Chemical Company Inc.
111 South Street
Passaic NJ 07055
Phone (800) 221-9330
Fax (800) 333-3456

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity;
Common Name(s), CAS Numbers)

OSHA PEL

ACGIH TLV

Other Limits

Upper Bound
Limit if SARA
Reportable

*Diimethyl Glutrate (1119-40-0)	N/A	8.19 mg/kg	N/A	N/A
*Dimethyl Adipate (627-93-0)	N/A	N/A	N/A	N/A
*Dimethyl Succinate (106-62-0)	N/A	N/A	N/A	N/A
*Present as Mixture of DiBasic Ester (DBE)	N/A	N/A	N/A	N/A
D-Limonene (5989-27-5)	N/A	N/A	N/A	N/A

HMIS Hazard Rating:

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
200-300° C	1.01	1	0.1 at 20° C
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	0.1	Soluble	
Appearance And Color:	Orangish Yellow Liquid	Odor:	Sweet Lemon Odor

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits:	LEL:	UEL:
235° F	N/A	0.9	8.0

Extinguishing Media: Water Spray, Chemical Foam, CO₂, Dry Chemical

Special Firefighting Procedures:
None Known

Unusual Fire And Explosion Hazards:
None -- DBE vapors in large quantities can form explosive mixtures in air.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Keep away from open flames & sparks

Incompatibility Avoid contact with strong oxidants, acids, and alkalis.
(Materials To Avoid):

Hazardous Decomposition: Carbon Monoxide and Carbon Dioxide

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry: **Inhalation** Yes/Primary **Skin** Yes/Primary **Ingestion** Yes/Secondary

Health Hazards:
None Known

Carcinogenicity: **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Not a skin sensitizer. Slight eye irritation in animal tests.

Medical Conditions Generally Aggravated By Exposure:
None

Emergency And First Aid Procedures:

EYE CONTACT: Immediately flush with plenty of water for at least 15 minutes. Call a physician.

INGESTION: Give large quantities of water. Do not induce vomiting. Call a physician.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

Handle as non-hazardous waste.

Waste Disposal Method:

Recover non-usable product and dispose of in landfill or as required by applicable regulations.

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

Section 8 - Control Measures:**Respiratory Protection:**

None

Ventilation: Local Exhaust N/A
Mechanical None

Special None

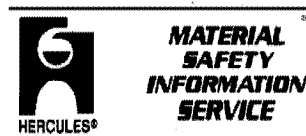
Gloves: None

Other: None

Eye Protection: None

Other Protective
Clothing: None

Work/Hygienic Practices Use good hygiene practices. When possible wash hands after using.



FACTS
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AST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.